



## ***The 2005 Kentucky Tech Prep Project Showcase***

***A display of academic and technical education at its best***

***“ This event will showcase the advances Kentucky has made through the integration of academic and technical education by way of a series of projects conceived, constructed and operated by KY Tech Prep programs from across the commonwealth. We believe the showcase will make KY Tech Prep history and provide an opportunity to see first hand the benefits of the Tech Prep initiative.”***

***Ahmed Sabie, Ph.D., director  
Kentucky Tech Prep***

## **KY Tech Prep Projects**

**Rockcastle Co. ATC and Rockcastle Co. School district :  
Twin Towers-Model Automated Machines- Unite to Read**

**Barren Co. HS and Barren Co. ATC: Playhouse**

**Belfry ATC and Belfry HS (Pike Co.) :  
Our Salute to the Service Men - War Memorial**

**Bell Co. HS and Bell Co. ATC: Auto Body Customizing and  
Measuring CPS Demonstration – (information technology)**

**Boone Co. – Conner HS and Boone Co. ATC: Race Car Video/  
Freightliner to the future  
Senior Exit Interviews**

**Breathitt Co. HS and ATC: Wireless Computer Demo  
Tech II Scanner Demo and Computer Voice Recognition  
Demonstration**

**Carroll Co. ATC and Carroll Co. HS: Orthographic Projection and  
Infrared Thermography**

**Casey Co. ATC and Casey Co. HS: Miniature Automotive  
Project**

**Clark Co. ATC: Playhouse**

**EKU Consortium –George Rogers Clark HS: The Techno  
Greek/ The Edge (a technology-based ½ hr. bi-weekly TV program  
that explores technology and its use)**

**A program for Tech Prep Students at the Postsecondary Level –  
print management program – (Students who have moved from the  
high school tech prep programs into the university tech prep  
program.**

**Madison Southern HS – Madison Co. School: Kinderklaus Market**

**Fayette Co.: Mission to Mars: strategy and design based  
competition involving the design and fabrication of robotic arms**

## **KY Tech Prep Projects**

**Floyd Co. Tech Prep - Prestonsburg HS and Floyd Co. ATC:  
Integration of Carpentry and Geometry classes to build a bookshelf**

**Ft. Thomas: Hospitality-Bluebird Catering**

**Gateway and C.E. McCormick ATC: Mock Physician Office**

**Hancock Co. HS: Digital Anthology**

**Harrison Co. HS and Harrison Co. ATC: Bridge**

**Henderson Co. HS and Henderson Co. CC: Global Positioning  
Systems**

**Henry Co. HS and Shelby Co. ATC: Air Track to Utilize and  
demonstrate Newton's Laws for Acceleration and Momentum**

**Hopkins Co. Central HS-Madisonville North Hopkins HS-  
Madisonville CC: Nursing Off the Critical Care List  
through First Steps**

**Waggener HS: Roof Geometry**

**Western HS and Waggener HS: Cafe 103 – Recipes From the  
Heart (culinary arts)**

**Doss HS: Mapping Metro Parks**

**Valley Traditional HS –Jefferson CC, Southwest:  
Chemical Technology**

**Fairdale HS: Heavy Equipment Sciences & Mathematics  
Collaboration / Law Enforcement & Chemistry Collaboration**

**Jeffersontown HS: PLTW – with focus on IED course  
cardboard boat/basketball catapult activities**

**Manual HS: Sew What?**

## **KY Tech Prep Projects**

**Jessamine Co. – West Jessamine HS: Yummy Good Science  
(science-chemistry, food service)**

**Johnson Central HS: Information Technology Showcase**

**Kenton Co. HS and JD Patton ATC: Moon Buggy  
Geodesic Domes Construction**

**Knox Co. ATC and Knox Co. HS: Barbourville Street Car**

**Lawrence Co. HS-Big Sandy Career Technical College:  
Articulation Agreements and “Free” College Credit for  
CTE Students**

**Lee Co. HS and Lee Co. ATC: Dragster and Jr. Dragster**

**Leslie Co. HS and ATC: Covered Walkway from HS to ATC  
(scale model)**

**Lewis Co. HS and Foster Meade Career & Tech Center:  
Work Ethics Certification**

**Lincoln Co. ATC and Lincoln Co. HS: Cedar Creek Tourism**

**Livingston Co. High School – West KY CTC: Boat Building –  
sailboat and kayak**

**Lloyd High School: A day in the Life of my Grandparent:  
An in-depth study of the Great Depression**

**Marion Co. ATC and Marion Co. HS: Replica of bridge  
connecting the two schools**

**Mason Co. ATC and Mason Co. HS: Frame Rotisserie**

**Mercer Co. HS and Harrodsburg ATC: Moving Water wall**

**Middlesboro HS: Jacket Patch**

**Monroe Co. HS. And Monroe Co. ATC: Healthy Snack Cart**

## **KY Tech Prep Projects**

**Montgomery Co. HS and Montgomery Co. ATC: Runway for Applied Academics-airplane**

**Murray Independent –Murray/Calloway Co. ATC:  
Moon buggy and Tiger Graphics– made signs for  
Tech Prep Showcase**

**Owsley Co. Board of Education & Morehead State University:  
WOCS Radio**

**Pendleton Co. HS and C.E. McCormick ATC: The Gazebo**

**Pike Co. – East Ridge High School: Video Production Program  
featuring a school news show, “News Around the Ridge”**

**Scott Co. 9<sup>th</sup> Grade School: Robot – Boosting Engineering  
through Science and Technology**

**Spencer Co. HS: Web Radio Station**

**Walton Verona: Your Vote Counts**

**Lighthouse Academy, Warren Co.: Project Playhouse**

**Warren Central HS: Sowders Shining Stars in Health Services**

**Warren East HS: CISCO Networking Systems**

**West KY Technical College-Carlisle HS: Moon buggy**

